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Jul 22, 1992

DERWENT-ACC-NO: 1992-295331

DERWENT-WEEK: 199718

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TITLE: Hop extract for active oxygen scavenger - obtd. from ground humulus lupulus, for malignant rheumatoid arthritis, burns and skin disease treatment

PATENT-ASSIGNEE:

ASSIGNEE

CODE

ASAHI BREWERIES LTD

ASAK

PRIORITY-DATA: 1990JP-0329799 (November 30, 1990)

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PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--|---------------|----------|-------|------------|
| <input type="checkbox"/> JP 04202138 A ✓ | July 22, 1992 | | 006 | A61K035/78 |
| <input type="checkbox"/> JP 2514860 B2 | July 10, 1995 | | 005 | A61K035/78 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|--------------|-------------------|----------------|----------------|
| JP 04202138A | November 30, 1990 | 1990JP-0329799 | |
| JP 2514860B2 | November 30, 1990 | 1990JP-0329799 | |
| JP 2514860B2 | | JP 4202138 | Previous Publ. |

INT-CL (IPC): A23K 1/30; A23L 1/30; A61K 7/00; A61K 35/78

ABSTRACTED-PUB-NO: JP 04202138A

BASIC-ABSTRACT:

Extract prepd. by extracting ground Humulus lupulus with one or two solvents, and concentrating and drying extract, has active oxygen scavenger action. Main ingredient of extract is lupuronic acid (beta acid), coluprone and adolupurone. Pref. solvent is hexane, ethyl acetate or oil. Prepn. comprises grinding 20 g of hop pellets, adding 400 ml of ethanol, extracting on reflux heating for 1 hr., concentrating to give dark-brown semisolid of 8.2 g, distribution extracting with 160 ml of hexane and 160 ml of water, extracting aq. phase twice with 160 ml of hexane, and condensing extract from hexane phase.

USE/ADVANTAGE - Used as pharmaceuticals, food and cosmeticsrow

CHOSEN-DRAWING: Dwg.0/0

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